INDEX

Altobelli, S. A. *See* Givler & Altobelli

Becker, E., Hiller, W. J. & Kowalewski, T. A. Nonlinear dynamics of viscous droplets, 191–216

Bent, A. A. *See* Lun & Bent

Bussell, S. J., Hammer, D. A. & Koch, D. L. The effect of hydrodynamic interactions on the tracer and gradient diffusion of integral membrane proteins in lipid bilayers, 167–190

Capp, S. P. *See* Hussein, Capp & George

Caulfield, C. P. Multiple linear instability of layered stratified shear flow, 255–285

Cleaver, R. P. *See* Longuet-Higgins & Cleaver

Duck, P. W., Erlebacher, G. & Hussaini, M. Y. On the linear stability of compressible plane Couette flow, 131–165

Erlebacher, G. *See* Duck, Erlebacher & Hussaini

George, W. K. *See* Hussein, Capp & George

Givler, R. C. & Altobelli, S. A. A determination of the effective viscosity for the Brinkman–Forchheimer flow model, 355–370

Gratton, J. & Vigo, C. Self-similar gravity currents with variable inflow revisited: plane currents, 77–104

Hammer, D. A. *See* Bussell, Hammer & Koch

Hiller, W. J. *See* Becker, Hiller & Kowalewski

Hussaini, M. Y. *See* Duck, Erlebacher & Hussaini

Hussein, H. J., Capp, S. P. & George, W. K. Velocity measurements in a high-Reynolds-number, momentum-conserving, axisymmetric, turbulent jet, 31–75

Karlsson, S. K. F. *See* Rajaee, Karlsson & Sirovich

Koch, D. L. *See* Bussell, Hammer & Koch

Kowalewski, T. A. *See* Becker, Hiller & Kowalewski

Kubota, T. *See* Yang, Kubota & Zukoski

Longuet-Higgins, M. S. & Cleaver, R. P. Crest instabilities of gravity waves. Part 1. The almost-highest wave, 115–129

Lun, C. K. K. & Bent, A. A. Numerical simulation of inelastic frictional spheres in simple shear flow, 335–353

Martí, J. Mª & Müller, E. The analytical solution of the Riemann problem in relativistic hydrodynamics, 317–333

Meneguzzi, M. *See* Vincent & Meneguzzi

Müller, E. *See* Martí & Müller

Norberg, C. An experimental investigation of the flow around a circular cylinder: influence of aspect ratio, 287–316

Rajaee, M., Karlsson, S. K. F. & Sirovich, L. Low-dimensional description of free-shear-flow coherent structures and their dynamical behaviour, 1–29

Sirovich, L. *See* Rajaee, Karlsson & Sirovich

Tuck, E. O. *See* Vanden-Broeck & Tuck

INDEX

Altobelli, S. A. *See* Givler & Altobelli

Becker, E., Hiller, W. J. & Kowalewski, T. A. Nonlinear dynamics of viscous droplets, 191–216

Bent, A. A. *See* Lun & Bent

Bussell, S. J., Hammer, D. A. & Koch, D. L. The effect of hydrodynamic interactions on the tracer and gradient diffusion of integral membrane proteins in lipid bilayers, 167–190

Capp, S. P. *See* Hussein, Capp & George

Caulfield, C. P. Multiple linear instability of layered stratified shear flow, 255–285

Cleaver, R. P. *See* Longuet-Higgins & Cleaver

Duck, P. W., Erlebacher, G. & Hussaini, M. Y. On the linear stability of compressible plane Couette flow, 131–165

Erlebacher, G. *See* Duck, Erlebacher & Hussaini

George, W. K. *See* Hussein, Capp & George

Givler, R. C. & Altobelli, S. A. A determination of the effective viscosity for the Brinkman–Forchheimer flow model, 355–370

Gratton, J. & Vigo, C. Self-similar gravity currents with variable inflow revisited: plane currents, 77–104

Hammer, D. A. *See* Bussell, Hammer & Koch

Hiller, W. J. *See* Becker, Hiller & Kowalewski

Hussaini, M. Y. *See* Duck, Erlebacher & Hussaini

Hussein, H. J., Capp, S. P. & George, W. K. Velocity measurements in a high-Reynolds-number, momentum-conserving, axisymmetric, turbulent jet, 31–75

Karlsson, S. K. F. *See* Rajaee, Karlsson & Sirovich

Koch, D. L. *See* Bussell, Hammer & Koch

Kowalewski, T. A. *See* Becker, Hiller & Kowalewski

Kubota, T. *See* Yang, Kubota & Zukoski

Longuet-Higgins, M. S. & Cleaver, R. P. Crest instabilities of gravity waves. Part 1. The almost-highest wave, 115–129

Lun, C. K. K. & Bent, A. A. Numerical simulation of inelastic frictional spheres in simple shear flow, 335–353

Martí, J. Mª & Müller, E. The analytical solution of the Riemann problem in relativistic hydrodynamics, 317–333

Meneguzzi, M. *See* Vincent & Meneguzzi

Müller, E. *See* Martí & Müller

Norberg, C. An experimental investigation of the flow around a circular cylinder: influence of aspect ratio, 287–316

Rajaee, M., Karlsson, S. K. F. & Sirovich, L. Low-dimensional description of free-shear-flow coherent structures and their dynamical behaviour, 1–29

Sirovich, L. *See* Rajaee, Karlsson & Sirovich

Tuck, E. O. *See* Vanden-Broeck & Tuck

Vanden-Broeck, J.-M. & Tuck, E. O. Steady inviscid rotational flows with free surfaces, 105–113

Vigo, C. *See* Gratton & Vigo

Vincent, A. & Meneguzzi, M. The dynamics of vorticity tubes in homogeneous turbulence, 245–254

Yang, J., Kubota, T. & Zukoski, E. E. A model for characterization of a vortex pair formed by shock passage over a light-gas inhomogeneity, 217–244

Zukoski, E. E. *See* Yang, Kubota & Zukoski